

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

COPY

In re the application of:

Takashi MORIYOSHI et al.

Attn: Box PCT

International Application No. PCT/JP00/06693

I.A. Filing Date: September 28, 2000.

U.S. Serial Number: Not assigned yet

Filing Date: March 27, 2002

For: 3-CEPHEM DERIVATIVE CRYSTAL AND METHOD FOR PREPARING THE SAME

INFORMATION DISCLOSURE STATEMENT  
UNDER TO 37 C.F.R. 1.97(b)

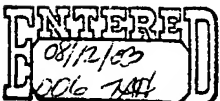
Assistant Commissioner  
for Patents  
Washington, D.C. 20231

March 27, 2002

Sir:

Attached is an Information Disclosure Statement of Iwao Tamura, a Japanese Patent Attorney associated with the preparation, filing and prosecution of the United States patent application identified above.

The attention of the Patent and Trademark Office is hereby directed to the documents listed on the attached Form PTO-1449. A copy of each of documents DA, FA, FB and FC and a copy of the search report are attached. A copy of document FD is not attached, but has been provided to the United States Patent and Trademark



Office by the JPO under the term of the agreement among the EPO, JPO and USPTO (refere to MPEP §1893.03 (g)).

No fee or certification is required in connection with this Information Disclosure Statement, since it is being submitted prior to the last of (1) issuance of a first official action on the merits and (2) expiration of the three month period following filing of the above-captioned application.

Documents FA and FB have been cited in the International Search Report of the present application. Documents UA and FC correspond to EP 126351 (document FA) and EP 667868 (document FD) that are cited in the Search Report, respectively.

Document FA is not in the English language. The concise explanation of the relevance of the document required under 37 C.F.R. §1.98 is believed to be satisfied by submission of the Search Report (MPEP 609(A)(3)).

Documents UA, FB, FC and FD are in the English language. No concise explanation of the relevance of the documents is believed to be required under 37 C.F.R. §1.98.

The relevance of each document is discussed in the International Search report (refer to the copy of the search report

attached hereto). Please note an Examiner's obligation to consider documents cited in an International Search Report according to the provisions of MPEP §1893.03(g).

The Commissioner is authorized to charge our Deposit Account No. 111833 for any fee which is deemed by the Patent and Trademark Office to be required to effect consideration of this statement.

Respectfully submitted,

KUBOVCIK & KUBOVCIK



Keiko Tanaka Kubovcik  
Reg. No. 40,428

Atty. Case No. TAM-043  
The Farragut Building  
Suite 710  
900 17th Street, N.W.  
Washington, D.C. 20006  
Tel: (202) 887-9023  
Fax: (202) 887-9093  
KTK/emd

Attachments: PTO-1449  
4 Documents  
Mr. Tamura's Information Disclosure Statement  
International Search Report

10/089194

27 MAR 2002

INFORMATION DISCLOSURE STATEMENT  PTO-1449	Atty. Docket No. TAM-043	Serial No.
	Applicant: Takashi MORIYOSHI et al.	
	Filing Date: March 27, 2002	Group:

## U.S. PATENT DOCUMENTS

Examiner's Initial		Document No.	Date	Name	Class	Sub Class	Filing Date If appropriate
MM	UA	4,581,166	04/08/86	Peter et al.	260	112.5 R	
	UB						
	UC						
	UD						
	UE						
	UF						
	UG						

## FOREIGN PATENT DOCUMENTS

Examiner's Initial		Document No.	Date	Country	Translation Yes/No/Partial
MM	FA	0 126 351 A1	05/04/84	EP	No
MM	FB	0 319 019 A2	12/02/88	EP	Abstract
MM	FC	WO 95/07283	03/16/95	WO	
	FD	<del>0 667 868 A1</del>	<del>08/23/95</del>	<del>EP</del>	
	FE				
	FF				
	FG				

## OTHER DOCUMENTS

Examiner's Initial		
	DA	
	DB	
	DC	

Examiner: <i>Mark Ben</i>	Date Considered: <i>2/24/03</i>
---------------------------	---------------------------------

KTK/emd

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Serial No. :

Inventor : Takashi Moriyoshi et al

Title : 3-CEPHEM DERIVATIVE CRYSTAL AND METHOD FOR  
PREPARING THE SAME

INFORMATION DISCLOSURE STATEMENT

I, the undersigned, Iwao Tamura, am a Japanese Patent attorney involved in the preparation of the specification of the above-identified U.S. Patent Application.

The following prior art is the closest prior art of which I am aware relating to the invention defined by the claims of the subject application:

1. EP 126,351 - Coenen et al
2. US 4,581,166 - Peter et al
3. EP 319,019 - Maeda et al
4. WO 95/07,283 - Kawabata et al

A copy of the prior art reference noted above is attached to this paper.

March 4, 2002



Iwao Tamura

**Notice of References Cited**

Application/Control No.

10/089,194

Applicant(s)/Patent Under

Reexamination

MORIYOSHI ET AL.

Examiner

Mark L. Berch

Art Unit

1624

Page 1 of 1

**U.S. PATENT DOCUMENTS**

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
	A	US-6,552,185 B1	04-2003	Boogers et al.	540/220
	B	US-			
	C	US-			
	D	US-			
	E	US-			
	F	US-			
	G	US-			
	H	US-			
	I	US-			
	J	US-			
	K	US-			
	L	US-			
	M	US-			

**FOREIGN PATENT DOCUMENTS**

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	Classification
	N					
	O					
	P					
	Q					
	R					
	S					
	T					

**NON-PATENT DOCUMENTS**

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
	U	
	V	
	W	
	X	

\*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)

Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.

<b>Notice of References Cited</b>	Application/Control No. 10/089,194	Applicant(s)/Patent Under Reexamination MORIYOSHI ET AL.	
	Examiner Mark L. Berch	Art Unit 1624	Page 1 of 1

**U.S. PATENT DOCUMENTS**

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
	A	US-2002/0128254	09-2002	Kawamoto et al.	540/350
	B	US-5,707,634	01-1998	Schmitt, William J.	424/400
	C	US-6,221,153	04-2001	Castor et al.	117/11
	D	US-			
	E	US-			
	F	US-			
	G	US-			
	H	US-			
	I	US-			
	J	US-			
	K	US-			
	L	US-			
	M	US-			

COPY

**FOREIGN PATENT DOCUMENTS**

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	Classification
	N					
	O					
	P					
	Q					
	R					
	S					
	T					

**NON-PATENT DOCUMENTS**

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
	U	
	V	
	W	
	X	

\*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)  
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.